



# Intucrylic Sealant

## INTUMESCENT ACRYLIC JOINT SEALANT

Date: 07 August 2018

FactSheet No.: TDS00644

### YOUR SMART ADVANTAGES

- High levels of certification
- Will not slump in joints up to 30mm
- Prevents passage of smoke/flames

### USES

Bostik Intucrylic Sealant is a high quality water-borne acrylic intumescent building sealant. It cures to form a tough, tack-free seal with excellent adhesion to a wide variety of building surfaces. In the event of a fire, Bostik Intucrylic will swell (intumesce) to form an insulating char, which is fire resistant and will resist the passage of smoke and flames.

Bostik Intucrylic Sealant is used for sealing linear expansion, contraction and construction joints where compartmentation and movement are factors; as a bedding/sealing compound for locating fire resistant board systems; to seal gaps which occur between fire-rated building components and the surrounding structures i.e. window and door frames.

### PRODUCT CHARACTERISTICS

Colours	White and Grey
Form	Gunnable paste
Specific Gravity	1.63 approx.
Composition	A blend of pigments, extenders and structuring agents in an acrylic dispersion
Product Codes	30602631 White C20 x 12 30814539 White C20 x 6 30812265 Grey C20 x 12
Storage/Shelf Life	Store for up to 24 months from date

of manufacture when stored in original, unopened packaging under cool, dry conditions within the temperature range +5°C to +30°C and out of direct sunlight. Protect from frost.

### TYPICAL PERFORMANCE DATA (Approx.)

Application Temperature	+5°C to +40°C
Service Temperature	-30°C to +95°C
Coverage	10 linear metres of 6mm diameter bead per C20 cartridge
Drying Times	Skin Formation: 15 minutes, dependent on ambient conditions. Through Dry: 96 hours (dependent on joint thickness and drying conditions)
Adhesion	Excellent to most firm, clean and dry surfaces
Slump Resistance	Does not slump from vertical joints up to 30mm in width
Joint Movement Accommodation	± 12.5% overall
Service Life	Up to 15 years
Reaction to Fire	Independently tested to the conditions of BS 476: Part 20: 1987 and the additional guidelines taken from the draft European document referenced prEN 1366-4.  Achieves up to 4 hour fire resistance on a variety of wall linear gap seals measuring between 15x10mm and

35x20mm. Substrate used was aerated concrete blocks.

Results will vary when applied at different rates and/or onto other substrates.

#### DIRECTIONS FOR USE

IMPORTANT: Before using Bostik Intucrylic Sealant refer to the relevant Health & Safety Data Sheet, available at [www.bostik.co.uk](http://www.bostik.co.uk).

#### PREPARATION

1. All surfaces must be clean, dry, sound and free from dust, oil, grease and other contaminants that may impair adhesion.
2. Oil and grease should be removed from non-porous substrates using a suitable cleaner. In order to provide a firm base on which to extrude the sealant and also to ensure that suitable depth of sealant is maintained, movement joints should be backed using a suitable backing strip such as polyethylene.

#### APPLICATION

3. Unscrew the nozzle, and using a sharp knife, carefully cut off the dome of the cartridge, taking care not to damage the thread. Screw the nozzle on to the cartridge.
4. Cut off the tapered end of the nozzle at a 45° angle, to a width matching the gap to be sealed.
5. Fit the cartridge into the cartridge gun by pressing the release plate and pulling out the plunger. Insert cartridge and repeatedly squeeze the trigger until the sealant appears.
6. Place the nozzle at the start of the gap, and gently squeeze the trigger. Push forward slowly ensuring good surface contact by forcing sealant into the joint to be sealed. At the end of the run, release the trigger and press the plunger release plate of the gun.
7. The sealant surface can be tooled to a smooth finish using a tooling stick or trowel dipped in diluted detergent within 3 to 5 minutes of application. Do not use a wetted finger.

#### CLEANING

##### Uncured Sealant:

8. The excess uncured sealant should be removed carefully using a soft scraper. The remainder can be removed using a cloth just moistened with white spirit. Repeat using another clean cloth moistened with white spirit.

##### Cured Sealant:

9. There is no adequate solvent; carefully cut away excess with a sharp knife. Do not use solvent to remove product from skin – use soap and water.

#### PRECAUTIONS IN USE

For any application not covered please contact Technical Services on +44 (0)1785 272625 or visit [www.bostik.co.uk](http://www.bostik.co.uk) for advice.

Recommendations and suggestions are for guidance only, since conditions of use are completely beyond our control.

For health and safety instruction, first aid measures and spillage and disposal instructions, see separate Health and Safety Data sheet for Bostik Intucrylic Sealant, available at [www.bostik.co.uk](http://www.bostik.co.uk).

BOSTIK HOTLINE

Smart help +44 (0) 1785 272625



**CONSTRUCTION PRODUCT REGULATION  
DECLARATION OF PERFORMANCE**

**No: TDS00644**

Product Description: **Bostik Intucrylic Sealant**  
Product Code: **5000403100913, 5000403106533**  
Intended Use: **Fire Protection Sealant**  
Manufacturer: **Bostik Ltd**  
Contact Address: **Common Road  
Stafford  
ST16 3EH**  
System of Assessment: **System 3**  
Harmonised Standard: **BS EN 15651-1:2012**  
Notified Body: **0074**

Declared Performance:

Essential Characteristics	Performance	Harmonised technical specification
Reaction to Fire	F	BS EN 15651-1:2012
Release of Chemicals	None	See Safety Data Sheet

Water Tightness & Air Tightness as determined by:

Resistance to Flow	NPD	BS EN 15651-1:2012
Loss of Volume	NPD	
Tensile properties after immersion in water at 23°C*	≥25%	
Microbiological Growth	NPD	
Durability	NPD	

**\*Conditioning method A, tested on Aluminium Substrate, no primer**

The performance of the product Bostik Intucrylic Sealant 5000403100913 5000403106533 is in conformity with the declared performance shown in the table above.

This declaration of performance is issued under the sole responsibility of Bostik Ltd.

**Signed for and on behalf of Bostik Ltd by:**

**Name:** Alison Jamieson

**Function:** S.H.E.Q. Manager

**Signature:** 

**Date:** May 2014

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